

392652118501201 Local number 101 N18 E28 03CCBD1

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°26'52", long 118°50'12" referenced to North American Datum of 1983, in NW ¼ SW ¼ SW ¼ sec.3, T.18 N., R.28 E., Churchill County, Hydrologic Unit is unknown.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 9 ft. Upper casing diameter 6.62 in; top of first opening 4 ft, bottom of last opening 9 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 3955 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in casing high point, -0.01 ft below land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: T, electric tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Nov 16, 2004	6.13	T	--
Dec 21	6.66	T	--
Jan 20, 2005	6.92	T	--
Feb 23	7.04	T	--
Mar 22	7.15	T	--
Apr 18	7.22	T	--
May 12	6.78	T	--

Highest: 6.13 Nov 16, 2004

Lowest: 7.22 Apr 18, 2005